**In the Specification:**

P. 1, line 3, insert the heading
-- Technical Field --;

P. 1, line 16, insert the heading
-- Background of the Invention --;

P. 3, line 10, insert the heading
-- Summary of the Invention --;

Replace the paragraph beginning on p. 3, line 18, with the following amended paragraphs

-- The characteristic features of the method according to the invention ~~are stated in Claim 1,~~ for surface treating the surface of a metal, in which the surface treatment is performed in a surfacing chamber, using a surfacing material, which is formed of one or more compounds and possible additives, and in which

- the surfacing material is brought to a principally gaseous state,
- the surfacing material is led to the chamber, and
- the surfacing material is permitted to react with the metal surface being treated, is

characterized in that the metal surface being treated is subjected in the chamber in which there is a through flow of the surfacing material to an exhaust connection, and in which the said surfacing material comprises compounds arising in dry distillation of deciduous-wood.

~~and those of the corresponding equipment in Claim 8 while those of the surfacing material are stated in Claim 12~~

Equipment for surface treating a metal surface, which includes

- means for manufacturing a surfacing material, such as, for example, bringing it from a liquid state into a gaseous state,
- a surfacing chamber equipped with at least one input connection, in which the metal surface to be surface treated in arranged and

- surfacing material feed piping fitted between them, which is connected to the said input connection of the surfacing chamber,

- at least one exit connection arranged in the surfacing chamber, through which the said gaseous surfacing material is arranged to be led out of the chamber,

- possible auxiliary and storage equipment, for example for regulating the process quantities and controlling the surfacing process and

- means for leading gaseous compounds ($CO(g)$, $H_2(g)$) as its own fractions for manufacturing the surfacing material, is characterized in that the said surfacing material is arranged to form from compounds arising in dry distillation of deciduous-wood from which at least part is separated one or more fractions and which fractions are again arranged to be combined by means of the equipment when manufacturing the surfacing material in connection with the equipment.

A surfacing material for surface treating a metal surface which is formed of one or more compounds and possible additives, and in which

- the surfacing material is brought to a principally gaseous state,

- the surfacing material is led to a surfacing chamber, and

- the surfacing material is permitted to react with the metal surface being treated, is

characterized in that the surfacing material comprises compounds arising in dry distillation of deciduous-wood.

--;

Replace the paragraph beginning on p. 4, line 19, with the following amended paragraph

-- ~~The method, equipment, and surfacing material according to the invention, which are in no way restricted by the embodiments presented in the following, are examined in greater detail with reference to the accompanying drawings, in which~~ These and other features and advantages of the invention will be more fully

understood from the following detailed description of the invention taken together with the accompanying drawings. --;

P. 4, line 23, insert the heading
-- Brief Description of the Drawings --;

P. 4, line 28, insert the heading
-- Detailed Description of the Invention --;

Replace the paragraph beginning on p. 15, line 9, with the following amended paragraph

-- ~~The above description and the related figures must be understood as being only intended to illustrate the present invention. Thus, the invention is in no way restricted to the embodiments described above or stated in the Claims, but many different variations and adaptations of the invention, which are possible within the scope of the inventive idea defined by the accompanying Claims, will be obvious to one versed in the art~~ Although the invention has been described by reference to specific embodiments, it should be understood that numerous changes may be made within the spirit and scope of the inventive concepts described. Accordingly, it is intended that the invention not be limited to the described embodiments, but that it have the full scope defined by the language of the following claims. --;